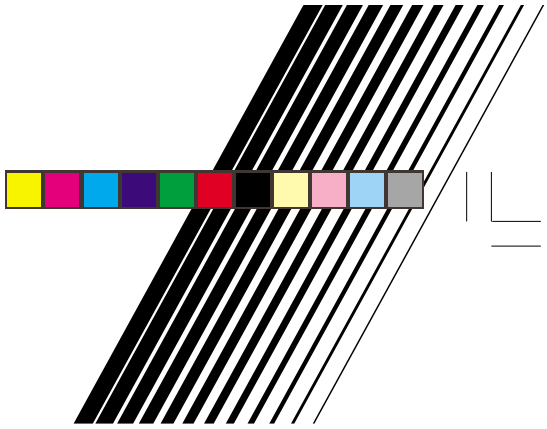

EQUALIZER • CINEMA SURROUND • COMPONENT INPUT

Contents

Knowing your TV's features 3
Remote control buttons and basic functions 4
TV buttons and functions 6
Setting up your TV 7
Basic setting for picture 9
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Basic setting for sound 12
Advanced setting for sound 13
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INSTRUCTIONS

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for buying this JVC color television.
your new TV, please read this manual thoroughly before you begin.

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d, wipe it
leaner or

7 If you are not going to use this TV for a long period of time, be sure to disconnect the AC plug from the AC socket.
8 The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

WARNING: <AV-21WA14/AV-21YT14 only>
A REMOVABLE PLASTIC COVER IS FIXED TO THE TELEVISION'S FRONT AUDIO/VIDEO CONNECTOR. TO PREVENT THIS COVER FROM BEING ACCIDENTALLY SWALLOWED BY BABIES OR CHILDREN, REMOVE IT FROM THE TELEVISION AND STORE IT IN A SAFE PLACE. IF THE COVER IS SWALLOWED SEEK THE ADVICE OF A DOCTOR IMMEDIATELY.

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ou can listen to the stereo sound or SAP from TV program broadcasting by MTS system. SAP: Second audio program.)
ou can display dialog on the screen from TV broadcasting with Closed Caption system. ou may also be able to display some information in text form if available.
ou can register up to four favorite channels for quick recall with one press.
V detects the brightness of your room and automatically adjust the picture brightness to a uitable level for a better eye care.
V adjusts the volume automatically to the same level for all TV channels to avoid sudden hange of the volume when selecting different TV channel.
ou can reduce the picture noise when viewing noisy TV programs or video sources.

ons

his instruction manual may not be available for your TV.
v and check the functions that are equipped for your TV's model number. The at the rear of your TV. When you press a button concerned to a function that is does not work and the logo "Ø" appears on the screen. For a function that is is not displayed in the menu.

AV-29JT34 AV-29VT34	AV-25VT34 AV-21VT34	AV-29JT14 AV-29VT14	AV-25VT14 AV-21WA14 AV-21VT14	AV-21YT14 AV-14FT14
○	○	○	○	–
–	–	–	–	○
○	○	–	–	–
○	–	○	–	–
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nd basic functions

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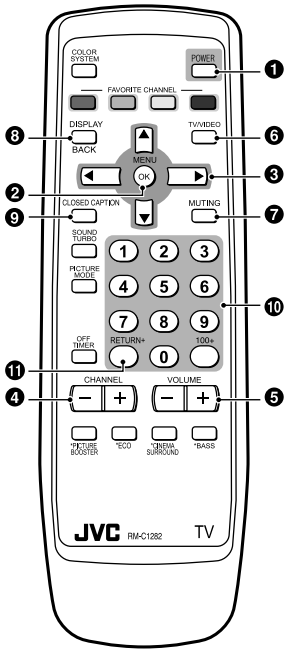
olume.
rminal number on the screen.
ton to return to the previous menu.
adcasted by some TV channels.
gits program number, press 100+, then press the

with one touch.
egister.
until “RETURN PLUS PROGRAMMED!” appears.
button until “RETURN PLUS CANCELED!” appears.
nel, if you have not set or have canceled the Return



ontinued)

	Top menu	2nd menu	Location	3rd menu	Location
MENU	INPUT	EXT. INPUT	P.16	–	–
		DISPLAY	P.16	–	–
		CLOSED CAPTION	P.15	–	–
	PICTURE * If you want to adjust PICTURE SETTING menu, you must set PICTURE MODE menu to USER.	PICTURE MODE	P.9	–	–
		PICTURE SETTING	P.10	–	–
		WHITE BALANCE	P.10	–	–
		PICTURE FEATURES	–	VNR	P.15
				FAVORITE CH SETTING	P.14
				VIDEO SETTING	P.14
				COLOR SYSTEM	P.9
				PICTURE BOOSTER	P.10
				COMPRESS (16:9)	P.11
				PICTURE TILT	P.11
	SOUND * If you want to adjust EQUALIZER menu, you must set SOUND MODE menu to USER.	AI VOLUME	P.13	–	–
		MTS	P.13	–	–
		SOUND MODE	P.12	–	–
		EQUALIZER	P.13	–	–
		BALANCE	P.12	–	–
		SOUND TURBO	P.12	–	–
		CINEMA SURROUND	P.13	–	–
		SUPER BASS	P.12	–	–
	FEATURES	OFF TIMER	P.15	–	–
		CHILD LOCK	P.15	–	–
		AI ECO SENSOR	P.11	–	–
	INSTALL	AUTO PROGRAM	P.17	–	–
		CHANNEL SUMMARY	P.17	–	–
		BLUE BACK	P.11	–	–
		AUTO SHUTOFF	P.16	–	–
		VIDEO-2 SETTING	P.16	–	–
		AI ECO DISPLAY	P.11	–	–
	EXIT	–	–	–	–

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No.	Button/terminal	Description	Page
❶	⏻ (main power)	Press to turn on or turn off the TV's main power.	–
❷	POWER lamp	Indicate the TV is being turned on or off. No color: TV's main power is being turned off. Red: TV's main power is being turned on. Note: When you turn off the power switch while TV is in standby mode, the light of power lamp will be off in 10 -15 seconds.	–
❸	ECO sensor		–
❹	Remote control sensor		–
❺	TV/ VIDEO	Press to select TV or video mode.	–
❻	VOLUME -/+	Press to adjust the volume level.	–
❼	CHANNEL -/+	Press to select the desired channel.	–
❽	MENU	Press to display the menu.	–
❾	IN (VIDEO-3)	Video and audio input jacks for VIDEO-3 mode.	18
	IN (VIDEO-2)	Video and audio input jacks for VIDEO-2 mode.	18
❿	🎧	Headphone jack.	18
⓫	⊤	Aerial socket.	7
⓬	OUTPUT	Video and audio output jacks. (The component video signal cannot be output.)	18
⓭	COMPONENT (VIDEO-2) INPUT	Video or component video, and audio input jacks for VIDEO-2 mode. You can select the input signal by setting the "VIDEO-2 SETTING" function (see page 16).	18
⓮	VIDEO-1 INPUT	Video or S-VIDEO, and audio input jacks for VIDEO-1 mode	7
⓯	BASS SPEAKER OUT	Twin Port Bass Blaster Unit output terminal.	19
⓰	TIMER lamp	Indicate the OFF TIMER function is being turned on or off. No color : The OFF TIMER function is being turned off. Orange : The OFF TIMER function is being turned on.	–

How to operate the menus with the TV button

TV button	Work as same as the button on the remote control unit	Note
MENU	MENU/OK button	To display main menu and exit menu after finish setting.
CHANNEL -/+	▼/▲ button	To select menu function.
VOLUME -/+	◄/► button	To adjust the desired function.

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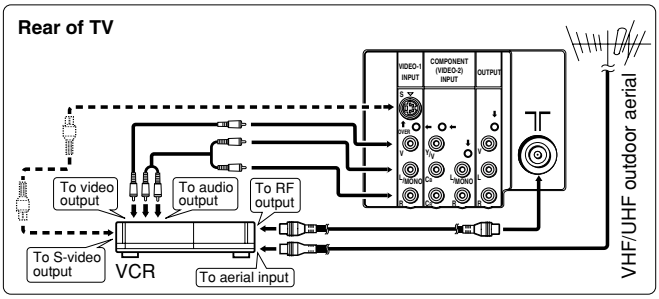


The illustration shown is just a sample. It may not be same as your TV.

2 Connecting the compatible main plug to the AC outlet.

3 Inserting batteries into the remote control.

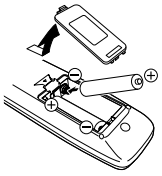
Insert two batteries by following the ⊕ and ⊖ polarities and inserting the ⊖ end first.

CAUTION:

Follow the cautions printed on the batteries.

Notes:

- Use AA/R6/UM-3 dry cell batteries.
- It the remote control does not work properly, fit new batteries. The supplied batteries are for testing, not regular use.



4 Turn on the TV by pressing the main power button.

JVC logo appears on the screen.

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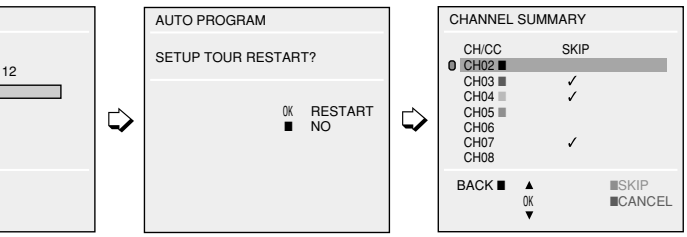
or 15 seconds, then the TV will operate by following steps as below:



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/OK

- Press the red button to cancel the SETUP TOUR RESTART function. If you want to make initial settings again when the next time you turn on the TV, press the MENU/OK button to activate the SETUP TOUR RESTART function.

- To complete the initial setting, press the MENU/OK button. To set undesired channels to be skipped, see page 17.

function to make the initial settings. This function is located in the INSTALL

tial settings, press the TV/VIDEO button to exit from initial settings.

PICTURE MODE

You can choose the desired picture setting with one-touch. Press the PICTURE MODE button to select a setting.

SOFT	Softens contrast and sharpness.
BRIGHT	Heightens contrast and sharpness.
STANDARD	Standard picture setting.
USER	You can change this picture setting as you like. Select USER and adjust following items in the PICTURE SETTING menu. (PICTURE, BRIGHT, DETAIL, COLOR, TINT*)

*TINT can only be adjusted in NTSC system.

To operate this function with a menu:

(MENU) ➔ (PICTURE menu) ➔ (PICTURE MODE)

To return the USER setting to the default, press the blue button when the PICTURE SETTING menu appears.

❊ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

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table

System
PAL
PAL
PAL
SECAM
NTSC
SECAM
PAL
PAL
PAL
PAL
PAL
PAL
SECAM

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WHITE BALANCE

You can change the white balance of the picture to better match the type of video being viewed.
Select the WHITE BALANCE in the PICTURE menu, then choose the desired setting.

* (MENU) ➔ (PICTURE menu) ➔ (WHITE BALANCE)

NORMAL	Normal white balance.
COOL	Bluish white.
WARM	Reddish white.

* About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

2 Press the ▲/▼ buttons until the picture become level. Then press the MENU/OK button.

COMPRESS (16:9)

You can convert a normal picture (4:3 aspect ratio) into a wide picture (16:9 aspect ratio).
Select the COMPRESS (16:9) in the PICTURE FEATURES menu under PICTURE menu, then choose ON or OFF.

✳ (MENU) ➔ (PICTURE menu) ➔ (PICTURE FEATURES menu) ➔ (COMPRESS (16:9))

BLUE BACK

You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent, or when there is no input from an antenna.

Select the BLUE BACK in the INSTALL menu, then choose ON or OFF.

✳ (MENU) ➔ (INSTALL menu) ➔ (BLUE BACK)

If you wish to continue viewing the poor picture, cancel the BLUE BACK function.

✳ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

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BALANCE

You can adjust the volume balance between the left and right speakers.
Select the BALANCE in SOUND menu, then adjust the setting.

* (MENU) ➔ (SOUND menu) ➔ (BALANCE)

SOUND TURBO

You can enjoy the emphatic low and high frequency levels.

Press the SOUND TURBO to select ON or OFF.
To operate this function with a menu:

* (MENU) ➔ (SOUND menu) ➔ (SOUND TURBO)

* About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

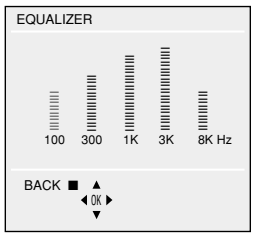
EQUALIZER

You can adjust the sound level of each frequencies when selecting USER mode in SOUND MODE.

1 Select the USER in SOUND MODE under SOUND menu.
✻ (MENU) ➔ (SOUND menu) ➔ (SOUND MODE) ➔ (USER)

2 Select the EQUALIZER in SOUND menu.
✻ (MENU) ➔ (SOUND menu) ➔ (EQUALIZER)

The following display appears.



3 Select and adjust the desired frequencies.

4 Press the MENU/OK button to exit the menu.

Adjust high frequency will affect higher pitch sound and vice versa.

AI VOLUME

You can adjust the volume of all the channels and video inputs to the same level automatically.
Select the AI VOLUME in SOUND menu, then choose ON or OFF.
✻ (MENU) ➔ (SOUND menu) ➔ (AI VOLUME)

✻ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

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o setting

4 Select the desired item that you wish to adjust.

→ PICTURE ↔ BRIGHT ↔ DETAIL ↔ COLOR ↔
↳ SOUND MODE (USER, DYNAMIC, MUSIC, NEWS) ↔ TINT ↔

5 Press the MENU/OK button to exit the menu.

To adjust the video setting (VIDEO SETTING)

You can adjust the picture and sound settings for video inputs.

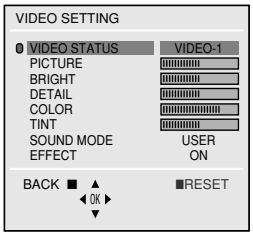
1 Display the PICTURE menu and select VIDEO SETTING in PICTURE FEATURES menu.

✻ (MENU) ➔ (PICTURE menu) ➔ (PICTURE FEATURES menu) ➔ (VIDEO SETTING)

2 Select VIDEO STATUS in VIDEO SETTING menu, then choose the desired video input.

✻ (VIDEO SETTING) ➔ (VIDEO STATUS)

3 Select EFFECT, then press ◄/► button to choose ON.
To cancel the settings, choose OFF.



4 Select the desired item that you wish to adjust.

→ PICTURE ↔ BRIGHT ↔ DETAIL ↔ COLOR ↔
↳ SOUND MODE (USER, DYNAMIC, MUSIC, NEWS) ↔ TINT ↔

5 Press the MENU/OK button to exit the menu.

✻ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

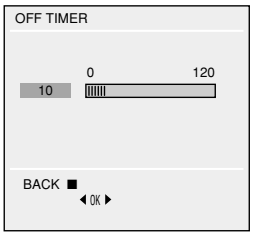
CHILD LOCK

You can disable the front control buttons of the TV.
Select the CHILD LOCK in the FEATURES menu, then choose ON or OFF.

✳ (MENU) ➔ (FEATURES menu) ➔ (CHILD LOCK)

OFF TIMER

You can set the TV to turn off automatically to standby mode after a set time.
Press the OFF TIMER button to select a desired period of time.



You can set the period of time to a maximum of 120 minutes in 10 minutes step.

To operate this function with a menu:

✳ (MENU) ➔ (FEATURES menu) ➔ (OFF TIMER)

When the elapsed of time left one minute, “GOOD NIGHT!” appears on the screen.
You can display the OFF TIMER menu again to confirm or change the remaining time.

✳ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

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EXT. INPUT (TV/VIDEO)

You can select TV or video terminal input with one touch.
Press the TV/VIDEO button to select an input.
To operate this function with a menu:

✳ (MENU) ➔ (INPUT menu) ➔ (EXT. INPUT)

DISPLAY

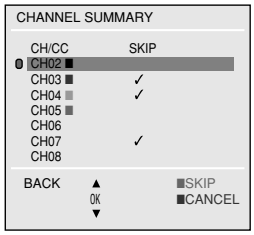
You can display the program number and video terminal number on the screen.
Press the DISPLAY button to display the indication on the screen.

To operate this function with a menu:

✳ (MENU) ➔ (INPUT menu) ➔ (DISPLAY)

✳ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

2 Choose CHANNEL SUMMARY, then press the MENU/OK button.
CHANNEL SUMMARY menu appears.



3 Choose the channel which you want to skip.
The skip can be set to all channels of AIR (CH02-CH69) and CABLE (CC01-CC125).

4 Press the yellow button to skip the channel.
To cancel the skip, press the blue button.

5 Press the MENU/OK button to exit the menu.

✳ About the basic operations of the menu, please see the “How to operate menus and menus locations” on page 5.

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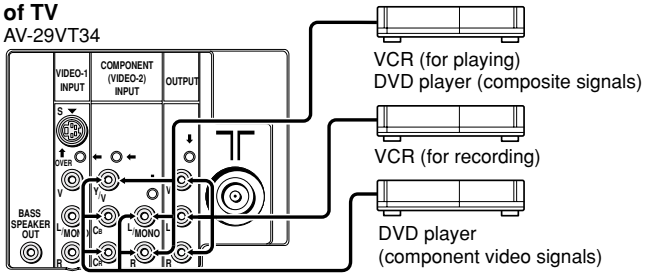
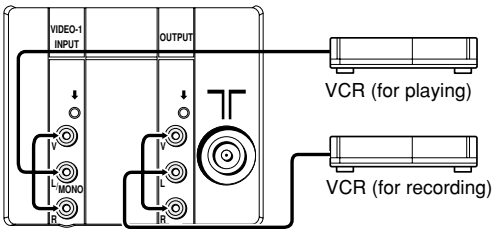
TV game

Connecting to rear component/video input terminal and output terminal

Rear of TV
AV-29VT34



Rear of TV
AV-21YT14



When you use VIDEO-1 INPUT, you should choose to connect S-VIDEO or video input. If S-VIDEO connector and video input are connected at the same time, no picture displays on the screen and the message “PLEASE DISCONNECT VIDEO-1 CABLE!” appears. In this case, you should disconnect either S-VIDEO or video input.
When connecting to COMPONENT (VIDEO-2) input, depending on the connection, choose the appropriate video input using the menu (see page 16).

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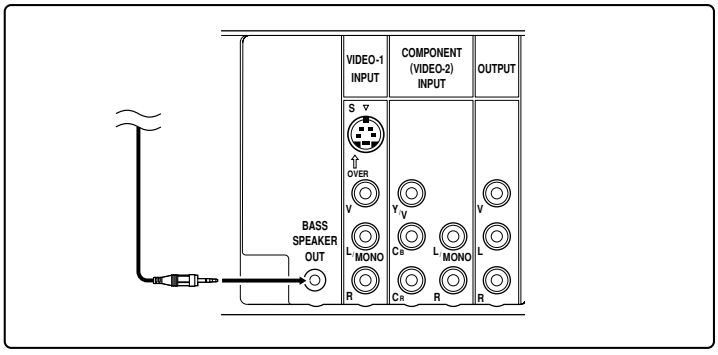
CAUTION:
The Twin Port Bass Blaster Unit is just placed on top of the TV and is not held in place by a screw. When using the unit, pay attention to the following cautions. Otherwise, the unit or TV may fall over and be damaged, or cause unexpected injury.

- Do not rest your hands or elbows on the Twin Port Bass Blaster Unit.
- Do not move the TV with the Twin Port Blaster Unit mounted on top of the TV. Before you move the TV, be sure to remove the unit.
- Do not move the TV by holding the Twin Port Bass Blaster Unit.

2 Firmly insert the Twin Port Bass Blaster Unit connector into the BASS SPEAKER OUT terminal.



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• Cannot operate the remote control	• The batteries may be exhausted. Replace with new batteries (see page 7). • Ensure that you are operating the remote less than seven meters from the front of your TV.
• Cannot operate the menus	• Press TV/VIDEO button to return to TV mode and try operating the menus.
• Cannot operate the front control buttons	• Deactivate the CHILD LOCK function if it is turned on (see page 15).
• TV is turned off suddenly	• This may due to the AUTO SHUT OFF function is activated. Press the POWER button to turn on the TV.
• Color patches appear at the corner of the screen	• This may due to the magnetized device such as a speaker near to your TV. Keep the device apart from your TV. Alternately, you can also use the magnetic-shielded speaker.
• Picture is tilted	• This may due to the earth magnetism. Refer to “PICTURE TILT” on page 11 to correct the tilt.
• Image takes a short period to be displayed	• Image required time to stabilize before display. This is not a malfunction.
• TV may emitted crackling sound	• This is due to a sudden change in temperature and it is not a malfunction. If the crackling sound is too frequent, request your service technician for inspection.
• Feel a slight electric shock when touching the TV screen	• This is due to the static electricity of the picture tube and it will not harm the human body. This is not a malfunction.

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t for AV-21YT14, AV-14FT14), VIDEO input, AUDIO L/R input
L/R input, COMPONENT VIDEO (Y/C_B/C_R) input (Except for AV-21YT14, AV-

L/R input (Except for AV-21YT14, AV-14FT14)
O L/R output
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